

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 16:05:25 ON 09 NOV 2005

L1 246107 S LOMONOSSOFF?/AU OR PORTA?/AU OR SPALL?/AU OR LOVELAND?/AU OR
L2 10008 S CHIMER? (2W) (PEPTIDE OR PROTEIN OR TARGET)
L3 21880 S CPMV OR "PLANT VIRUS" OR "RNA VIRUS" OR PVX OR "POTATO VIRUS"
L4 37 S L2 AND L3
L5 0 S L4 AND L1
L6 14239 S COAT (2W) PROTEIN
L7 14 S L6 AND L4
L8 3 S L7 NOT PY>=1994
L9 3 DUP REM L8 (0 DUPLICATES REMOVED)
L10 249 S L6 AND L1
L11 93 S L10 AND L3
L12 28 S L11 NOT PY>=1994
L13 16 DUP REM L12 (12 DUPLICATES REMOVED)
L14 2729 S DEVELOP (S) VACCINE
L15 12 S L14 AND L6
L16 0 S L15 AND L2
L17 3 S L15 AND L3
L18 1 DUP REM L17 (2 DUPLICATES REMOVED)
L19 18 S L1 AND L14
L20 4 S L19 NOT PY>=1994
L21 2 DUP REM L20 (2 DUPLICATES REMOVED)
L22 432 S COMOVIRUS
L23 23 S L22 AND MODIFIED
L24 4 S L23 AND L6
L25 4 DUP REM L24 (0 DUPLICATES REMOVED)

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AA

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 2987 | "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L2 | 68739 | DNA WITH (target or foreign or insert or interest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L3 | 62 | "viral coat protein" SAME (DNA WITH (target or foreign or insert or interest)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L4 | 272 | plant WITH "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L5 | 350 | plant SAME "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L6 | 1 | (plant WITH "viral coat protein") or (plant SAME "viral coat protein") AND "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L7 | 4163 | "library display" or "display library" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L8 | 1 | (plant WITH "viral coat protein") and "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L9 | 15 | (plant SAME "viral coat protein") and ("library display" or "display library") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L10 | 152 | comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L11 | 0 | comovir? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L12 | 201 | comovir\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-------|--|---|----|-----|------------------|
| L13 | 2 | "5316931".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L14 | 73913 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L15 | 74506 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L16 | 74661 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" or cpmv or "bean pod mottle virus" or bpmv or "cowpea mosaic virus" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L17 | 81227 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L18 | 84189 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. or scale\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L19 | 2866 | "coat protein" SAME "plant" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L20 | 74709 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" or cpmv or "bean pod mottle virus" or bpmv or "cowpea mosaic virus" or comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L21 | 122 | L18 and L19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L22 | 86080 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. or scale\$.as. or biogen\$.as. or axis\$. as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L23 | 55512 | chimera or chimeric | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L24 | 4750 | L23 WITH (virus or viral) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-------|--|---|----|-----|------------------|
| L25 | 2286 | L24 and L16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L26 | 133 | L25 and L19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L27 | 32 | L19 SAME "loop" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L28 | 12 | L23 and L27 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L29 | 32 | L19 SAME "loop" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L30 | 75 | L22 and L23 and L19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L31 | 2987 | "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L32 | 68739 | DNA WITH (target or foreign or insert or interest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L33 | 272 | plant WITH "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L34 | 350 | plant SAME "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L35 | 1 | (plant WITH "viral coat protein") or (plant SAME "viral coat protein") AND "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L36 | 4163 | "library display" or "display library" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-------|--|---|----|-----|------------------|
| L37 | 152 | comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L38 | 0 | comovir? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L39 | 1 | (plant WITH "viral coat protein") and "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L40 | 62 | "viral coat protein" SAME (DNA WITH (target or foreign or insert or interest)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L41 | 15 | (plant SAME "viral coat protein") and ("library display" or "display library") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L42 | 2 | "5316931".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L43 | 201 | comovir\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L44 | 2987 | "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L45 | 68739 | DNA WITH (target or foreign or insert or interest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L46 | 272 | plant WITH "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L47 | 350 | plant SAME "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L48 | 1 | (plant WITH "viral coat protein") or (plant SAME "viral coat protein") AND "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-------|--|---|----|-----|------------------|
| L49 | 4163 | "library display" or "display library" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L50 | 152 | comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L51 | 0 | comovir? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L52 | 73913 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L53 | 74506 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L54 | 74661 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" or cpmv or "bean pod mottle virus" or bpmv or "cowpea mosaic virus" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L55 | 81227 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L56 | 84189 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. or scale\$.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L57 | 2866 | "coat protein" SAME "plant" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L58 | 74709 | "foot and mouth" or "hiv" or "human immunodeficiency" or rhinovirus or "FMdv" or "hrv" or cpmv or "bean pod mottle virus" or bpmv or "cowpea mosaic virus" or comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L59 | 86080 | lomonossoff.in. or johnson.in. or kumagai.in. or donson.in. or scale\$.as. or biogen\$.as. or axis\$. as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L60 | 55512 | chimera or chimeric | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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| L61 | 4750 | L60 WITH (virus or viral) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L62 | 2286 | L61 and L54 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L63 | 2987 | "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L64 | 68739 | DNA WITH (target or foreign or insert or interest) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L65 | 272 | plant WITH "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L66 | 350 | plant SAME "viral coat protein" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L67 | 1 | (plant WITH "viral coat protein") or (plant SAME "viral coat protein") AND "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L68 | 4163 | "library display" or "display library" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L69 | 152 | comovirus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L70 | 0 | comovir? | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L71 | 1 | (plant WITH "viral coat protein") and "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L72 | 1 | (plant WITH "viral coat protein") and "library display" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-----|--|---|----|-----|------------------|
| L73 | 62 | "viral coat protein" SAME (DNA WITH (target or foreign or insert or interest)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L74 | 15 | (plant SAME "viral coat protein") and ("library display" or "display library") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L75 | 2 | "5316931".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L76 | 32 | L57 SAME "loop" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L77 | 12 | L60 and L76 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L78 | 32 | L57 SAME "loop" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L79 | 75 | L59 and L60 and L57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L80 | 62 | "viral coat protein" SAME (DNA WITH (target or foreign or insert or interest)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L81 | 15 | (plant SAME "viral coat protein") and ("library display" or "display library") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L82 | 2 | "5316931".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L83 | 201 | comovir\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L84 | 122 | L56 and L57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |

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|-----|-------|--|---|----|-----|------------------|
| L85 | 133 | L62 and L57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L86 | 201 | comovir\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L87 | 32 | L57 SAME "loop" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |
| L88 | 17589 | "library display" or "display library" or (peptide WITH presentation) or (antigen WITH presentation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L89 | 19529 | "coat protein" or "capsid" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L90 | 5530 | L88 and L89 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L91 | 4192 | L90 and L54 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L92 | 3600 | L91 and L45 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L93 | 3335 | L92 and L60 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L94 | 471 | L93 and ("plant virus" or "RNA virus" or comovirus) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L95 | 462 | L94 and (hiv or hrv or fmdv or "foot and mouth") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L96 | 36 | L95 and "animal virus" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |

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| L97 | 5 | "598422".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L98 | 2 | "5958422".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/11/09 15:03 |
| L99 | 2 | "6110466".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/11/09 15:03 |



Day : Wednesday

Date: 11/9/2005

Time: 16:24:14

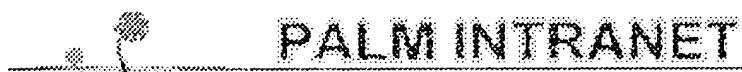
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Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Date: 11/9/2005

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